

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1.-9 (Cancelled)

10. (Currently Amended) A method for increasing bandwidth in an interrupt mode processing protocol comprising:

creating a state variable configured to track received messages;

incrementing said state variable only if said received message exhibits multiple packets;

decrementing said state variable ~~if~~ when said received message exhibits multiple packets and completes; ~~and~~

generating an interrupt, with a communications adapter running in an interrupt mode, said communications adapter placing data from received message in a receive buffer, and

exiting the interrupt mode when: there are no more packets in said receive buffer; and at least one of: said state variable is equal to a selected value and a selected interval has transpired since said interrupt was generated.

11. (Cancelled)

12. (Currently Amended) The method of claim 11 wherein said selected interval is ~~about~~ 100 milliseconds.

13. (Original) he method of claim 10 wherein said state variable tracks a number of packets in said received message exhibiting multiple packets.

14. (Original) The method of claim 10 wherein said received messages exhibiting a single packet are ignored with respect to said state variable.
15. (Original) The method of claim 10 wherein said state variable is created in said recipient.
16. (Original) The method of claim 10 wherein said state variable is namespaced based on a selected sender of a message.
17. (Original) The method of claim 10 wherein said state variable is includes at least one of a function and one or more parameters.
18. (Currently amended) The method of claim ~~10~~ 17 wherein said parameters include at least one of a state variable name, a sender, and a message.

19. (Currently Amended) A storage medium encoded with a machine-readable computer program code, said code including instructions for causing a computer to implement a method for increasing bandwidth in an interrupt mode processing protocol, the method comprising:

creating a state variable configured to track received messages;

incrementing said state variable only if said received message exhibits multiple packets;

decrementing said state variable ~~if~~ when said received message exhibits multiple packets and completes; and

generating an interrupt, with a communications adapter running in an interrupt mode, said communications adapter placing data from received message in a receive buffer, and

exiting the interrupt mode when: there are no more packets in said receive buffer; and at least one of: said state variable is equal to a selected value and a selected interval has transpired since said interrupt was generated.

20. (Cancelled)